ANACORTES, Wash., March 1. Forty days ago Fidalgo Island, at the inner end of the Strait of Juan de Fuca, in the new State of Washington, was a wilderness. Like the country lying to the east of it for many miles on the main land, it was covered with a dense growth of timber such as can be found only west of the Cascade Mountains. All about it were other islands, and

Just the open water lying. With a gul: above it flying.

To-day it has a city of 1,500 to 2,000 people. which is being added to by about 100 a day. It has a three-story frame hotel, 30x100 feet. completed, and attic, cellar, and hall are filled nightly and scores are turned away every night. Hundreds of wooden buildings are going up. and the blows of the hammer of creative industry may be heard on every side.

HOW THEY BUILD HOUSES IN ANACORTES. The writer was taking the noon meal with the hospitable family of one of the old settler-, when a fire broke out near by. The owner of the burning house named up from his dinner table, saw that his family were safe, and gushed over to the early settler, who had a whole farm of town lots, to arrange for a new

whole farm of town lots, to arrange for a new lot to build on, as he could not wait for the old house to burn before commencing the new. He said they had not finished dinner when the fire started, but that he intended to have supper in the new house, all furnished, carpets down and all.

The foundations of more substantial structures are being laid. The screets are lined with tents and thronged with people, flurdreds of laborers are busy cutting down the gigantic fir trees that tower as high, as Trinity Church spire on "residence lets," which are selling rapidly at \$5.00 and \$1.00c, or binsting and pulling huse attumps out of "business property," held at \$100 per front foot. The shore in front of the lown site is lined with latterial of every kind. One wharf has been built and others are building.

A substantial warehouse is up. Five gambling houses are in operation with constant and abundant patronage, and a theatrical troupe has just begun a week's engagement. There is no lack of saloons.

Real estate 'men swarm everywhere, and night and day they and they patrons talk excitedly of lots, increase in values holes, banks, factories, railroads, and steamship lines, in the general bubble of excitenant on makes out easily enough that this is to be the timure great city of the coast, and lots are being bought and sold almost as rapidly and at when John Laid platted and sold the Mississimply waller about a hundred years are.

Anacories is the not unrive think makes of the new town, it means Anna tortes, which was the maden name of the new town, it means a fund to the original

of 1800, which gave to any cities 1820 and anywhere in Orogon, a part Washington hen was, if he would go en it. A very reacciul and unpromithey led for twenty years or more, i Cooke, in the hopeful days before the 73, began to think of making Fishing minus of the Northern Facilly Railrock Villand angent of the April 18 and Minus of the Softhern against and the yet an finished transcontinental line he approved Cooke's judgment in this matter, but -the sharp speculators got in ahead of him, bought the most desirable town-site property on the island, except what Bowman owned, and put the price up so high that the railroad managers changed their plans and itself their terminus at Tacoma. A fow years' time has convinced this railroad of its mistake, and that Fidalgo Island contains the city of destiny. Fidalgo Island contains the city of destiny, Fidalgo Island went to sleep manin for another twenty years, Most of the speculators went broke, but Bowman held on, regretted his rapacity, and continued to love his wife and to hole some day to give a city her name. To one party of railroad projectors after another he offered a fine slice of his farm if they would build thirty miles of road from his island to the maintand, plat a town and name it and other or honoread and management.

his farm if they would build thirty miles of road from his island to the maintand, plat a town and name it Anactres.

Elliah Smith of the Oregon Improvement Company was interested in the Island to some extent, in the fall of 1888, and some little radical road work was done. In the winter of 1889 the matter was put in the hands of H. W. McKelll, who at that time came to the coast for Mr. Smith as resident manager of the Oregon Improvement Company.

The fate of the Island was thus put into his hands. He decided in its layor, the company endorsed his views, and nearly thirty nilles of road was graded in a few months. And ortes was born, and Mr. McNell became the founder of a new city.

Everybody knew that was being done, and travellers up and down the Sound saw the new-made grades, but nobody asked for or bought lots till Jan. 14 of the pre-ent year. That date was fixed 4 r the beginning of the boom by a couple of fellows entirely foreign to the real deal. They were real estate men in Tacoms and Seattle, who had bought a quarter section on the Island. They had also found out what the plans of the improvement company and its allies were and they decided to rustle things on their own account. They began to advertise lots and to give out all the boom information they could get hold of.

The flame thus kindled soon burnt into such a flame as had never been seen in mining camps during the most gidyd days. Even the powerful Oregon Improvement Company could not keep the people back, who clamored for lots in the most importunate style. If there ever was a spentaneous starting of a city it was here, and nothing on earth could prevent

reliable in the new too tabout the new too and busers are tames been given out about the new town, and yet the boom goes on and buyers are rienty. It soon appeared that James McNaught, the general counsol of the Northern Pacific, and J. M. Buckley, once its general superintendent, were among the parties on the ground floor. It was therefore easily accepted that the Northern Pacific was about to carry out its original idea to make its terminus there. Some people said dim Hill and his Manitoba line had beought the thirty miles of grade, and lots went up a notch on this report. Then it was said the Union Pacific had bought it and real estate went up another notch. Somebody asked where the iron was for the grade already made, and the air said it was in Seattle. Now and again a buver would ask the agents of McNaught and the Improvement Company where the business centre of the town was to be, and got for an answer that it would be wherever the enterprise of purchasers should determine. The urset price of all lots was \$500 for inside and \$1,000 for corners; buyers might take their pek any where in the four or live hundred acres; lated, Where was the railroad weighning on the island and running eastward untimately to end? The builders didn't know, or wouldn't tell. They had agreed to build it, and would build it, and that was all they would say. Lots could be had at \$500 and \$1,000 each take 'em or leave'em. Strange to say this information was sufficient to sell lors by the score, or if it was it, the accommedating "air" soon furthe boom goes on

tell. They had agreed to build it, and would build it, and that was all they would say. Lots could be had at \$500 and \$1,000 each, take em or leave em. Strange to say this information was sufficient to sell lots by the score, or it it wasn't, the accommedating "air" soon furnished all that was lacking.

A week after the sale legan it would have taken a day to report all the wonderful advantages of the new city. Like New York, it was on an island. The great city of the Pacific coast was to be like the great city of the Pacific coast was to be like the great city of the Pacific coast was to be like the great city of the Pacific coast was to be like the great city of the Pacific coast was to be like the great city of the Atlantic side for that reason. It had the best hard or on the sound; it was near the straits and the ocean. The Improvement Commany had all ready sold land enough to build the thirty miles of road. Ten million dollars was to be at once invested in wharves, warehouses, and ocean steamers. It had been given, or had acquired, a large interest in 2,000 or 3,000 acres more of the lot-preducing island, and the sale of this alone would build a road to Sockane Talls and leave a handsome profit besides.

No doubt the road would be build, and on talk like this the lots to smed. These bought at \$900 in the morning were sold and resold before might and always at an advance. By the end of the third week after the boom, again lots in "the business section" were sold for \$2,500 such. They are of uniform size, living feet each, and ground blars about eight lots to the acre. These acres were worth about \$50 each, flive weeks ago and all obedit the whole island could have been bought at that flavre. At \$500 and \$1,600 a lot the profit of the promoters is fairly handsome.

The island counded have been bought at that flavre, and the lower of the word was a special of the promoters of the promoters is fairly handsome.

The island counded the high the hourt was sold and the lower of the was the hearth a splendid channe

times find it difficult to get away. Those who want to get away are generally anxious to go.

The hotel accommodations in a town four weeks old, even if it is a boom town, are not of the best. Every place that can offer shelter is crowded. Anything with a roof, even if it be a tent, is in demand at night, and everything that can boast a title at meal time. Meals generally consist of sandwiches and coffee with store ple for dessert. When a man fills his stomach with this sert of diet for a few days, absorbs all the boom information the air produces and sleeps for a night or two in a tent where core are nacked as close together as they will stand. Illed with speculators of all grades and conditions, such as this country alone can troduce, he begins to grow willing

to accumulate.

All boarts leave the place at night at present. Viewed from their decks as they move away the place looks rather like a city just destroyed than like one just beginning to build up. A line of tire in blacing brush bears, supposed and logs skiris the shore for nearly two miles, and through the lurid light the huge trunks of the giant first of the yet unsubdued forest seems to dance and totter like the gluests of those the fire is slowly consuming. The flercest flame is not flerrer than the lover of speculation that now fills the place. This part of the world has never seen the like of it before. Tacoma and Seatile have bud times of great prespectly, and are new, but they never jet have seen buyers struggling as here to pay \$100 a foot for lots with growing timber enough on them to build a four-story building.

Thavelers.

WAR ON LOBBYISTS.

Speaker Reed to Begin on Ex-Members Who Abuse Their Privileges,

WASHINGTON, March 14. Speaker Reed has determined to begin a war on the lobbyists who gain admission to the floor of the House under the rule admitting ex-members and use the privilege to advocate the numerous schemes of legislation in which they are pecuniarily interested. Rule 34 of the House gives the privilege of admission to the floor to ex-members of Congress "who are not in-terested in any claim or directly in any bill beterested in any claim or directly in any bill before Congress." Ex-members receive cards of
admission from the Speaker, after giving him
their plotige that they come within the terms
of the rule mentioned. Notwithstanding these
restrictions, it is an onen secret that the most
annoying class of lobbvists to be found are
those who were once members and who are
employed by persons interested in legislation,
for the very reason that they can easily reach
the members at all times. The abuse of their
privilege by many of the ex-members has become so flagrant of late that Speaker leed has
decided that it must stop. Every day, as
he sits in the chair, he recognizes a ay pledge themselves that they are on the floor of the House simply as

ents, and lotbyists, is surprisin thin the past ten years W s become such a desirable called lawyers that almost every g shady schemes who make themselves ving to members. There are many honest

of so-called jobbying this winter managed their work without making themselves constituous or offensive to anybody. They were on the floor of the House, as they hal a right to be, but kept in the background and conversed with members in a way that was alike creditable and successful. These men were ex-tongressmen A. E. Stevenson, Democrat, and George R. Davis, Fenublican, of Illinois, who manaced the campaign that ended in the choice of Chicago as the site for the World's Lint. They were of course, interested in legislation, and to that extent were on the floor of the House in technical violation of the rules, but their employment was knonorable and their actions extirely so. There is no desire on the part of Mr. Reed or any other member of the crowd, and there is no doubt he will do so if they do not take warning and make themselves

invisible at once. DOVLE'S QUEER JAIL

The Revolving Care in Which the Alleged

From the Foston Herald. being confined at present in a jail which is be-lieved to be also into y impregnable. This jail is the one owned and used by the county of strained in New Hamp-hire, and there is only one like it in New England; that is at Mont-peller. Vt.

Dover jail as this place of confinement is

anding fill about one and a quarter in the depot. There are practically ick buildings connected by a "neck." from the depot. There are practically two brick buildings connected by a "neck." The front building is three stories in height, and is used as a residence for the Sheriff and his family. The rear toliding is two and a half stories in height, and contains the rotating cells, while the "neck between comprises the guard room on the first floor and four cells for female prisoners on the second. The rotating cells in the rear building form the patented portion of the pail. There are twenty of them, and there is only one entrance or exit for the

female prisoners on the second. The rotating cells in the rear building form the patented portion of the pail. There are twenty of them, and there is only one entrance or exit for the entire number, and that passage is separated from the guard room by four iron-barred gates and one shell from door. When an officer desires to see a prisoner he doesn't go to him, he simply turns a crank and brings the main in confinement around to the guard room.

The principle of the aid is simply this: To have one entrance to the cells, and to keep the prisoners away from that entrances at all times, except when they are wanted. The interior of the rear building, or juil proper, resembles a grantic cage. There is an immense circular grating extending around the interior of the structure, and in this circle revolve the two there of cells, there being on each tier ten compartments. The frent of each cell is almost open, except for an iron plate running from the top of the up er tier to the bottom of the lower. This oders a little more solidity to a prisoner's residence than would be afforded by the grating simply, which shows, when the tailer wants a main an astonishing production for stipping away. The tron plating is also used to hold up the ends of two hammends, which are used by the prisoners to sleep in.

The ten cells on each tier are arranged in a

Addition and the second of the

NEWS OF THE TREATERS.

Hersense Rhea, an actress of foreign birth, of French Hertenne and of extended American experience, will training and of extended American experience, will make her reappearance upon the New York stage to-morrow night at the Broadway. The event possesses interest, at jeast and it may prove to be one of impor-tance, too. Hhea is probably 35. Since she first faced n American audience, nearly nine years ago, at i an american Brooklyn theatre, she has travelled widely over the circuits, until she has gained a numerous following among out of town niaygoers. Her New York engagements have been extremely brief and intrequent. She is renembered as having played a week at Rooth's after ber Brooking debut, and at that time her graceful manner and her power in emotional scenes were agreeably com-mented upon but her elecution was at that time sadly as been lessened with the lapse of years. Her return w Alfred R. Haven. The sad, eventful life of the fated by Alfred a fracen. In the turbulent days of the Napoleonic rigime has been the theme of thousands of tender and sympathetic pens. Her heroic trials and sufferings have now been woven into dramatic form. Haven's play has been tried out of town since early in the season, and it will therefore come to the Broadway in condition for a smooth and careful performance. William Harris, and and vigorous leading actor, will impersonate Napoleon, J. M. Francosur will be the Talleyrand, and W. R. Owens the Murat. Ida Van Sicien Marie Knowlea and Marie Danies, pretty women all, will assume the princi-pal female roles after the Josephine of files. The period pat female roles after the Josephine of fibes. The period of the play will demand rich costumes and effective uni orms and these are promised by the management. The forms, and these are promised by the management play is in six acts, opening with a ball at the fulleries, and closing with the return from Eiba and the death of Josephine. Rises is to spend a forthight at the Broadway.

There is tun enough in "Little Puck" at the Park to fill at least two farces of the ordinary type. But the Frank Daniels troupe perform it so briskly that there is nst a full evening's diversion in it. The audiences wh have enjoyed it have been quite large. There will be no change at the Park before April 7.

The Amberg, after its long and brilliant period of rapid changes, will try the plan of constancy to one piece for a white. The reason does not lie at all in the fact that its regular policy is unsatisfactory, but exists wholly in the great and deserved popularity of the new play. Die Khre," a realistic moving picture of life, in which Possart and the greater part of the regular Am berg company appear. "Die Ehre" will be given ever night this week with the exception of Friday, when

"The Flags of All Nations," a newly arranged scene, Garden, with Jennie Joyce as the central figure variety show will contain a troupe of Japanese jugg era ed sympasts, the Austin Sisters, Laura Lee, Smith and

on the stage of Poole's Eighth Street Theatre two seasons ago, and has since been an accepted good thing of its kind, comes back to town to morrow, virtually it carefully presented. The piece owes much of the favor it has acquired to George W. Monroe and John C. Rice experienced comedians and clever ones. Monroe is the into the schemes of her nephews, who seek and dances as well and these ought to have value cause they are to be done by players so capable as Lena Merville, Catherine Lingard, Bernard Dyllyn, W. A. Mack, Kate Davia L. J. Monico, and Royce Aiton. Miss Merville is one of the best soubrettes of this day—a sprightly, graceful dancer, a good singer, and a highsome of them in Hoyt's forces. "My Aunt Bridget" is to be here two weeks, after which Sedley Brown's comedy. "A Long Lane." originally called "Pine Meadow." will be put forth for its first regular performance. New scenery and a strong cast are promised.

House, is for the third time this season a visitor in town. He would seem to be an appropriate actor for the Grand just now, and the st. Patrick's Day performances especially are likely to be well attended. The play will be the familiar "Myles Aroon." Later in March Rose Coghlan will be at the Grand, and after her Mantell in gustus Pitou's enterprises.

"A Midnight Bell's" first Harlem production, at Ham merstein's Opera House this week is reasonably certain of a cordial reception. The comedy is meritorious in itself and enjoyable in its acting. Hoyt has made no important chang s in the cast. George Richards is still the Beacon, Eugene Candeld the But Boy, and Dot Clarendon the infant prodicy. The week of March 24 will bring to Hammerstein's the principal members of the Metropolitan Opera House Company in German Liffie Lehman will sing in "Norma" and Pe rotti in "The Troubadour."

One of the "Little Lord Fauntleroy" troupes goes to Niblo's this week. Ray Maskell and Tommy Russell are the alternating impersonators of the tender loy, and the supporting company contains mostly competent

Daniel Frohman's company in "The Wife" will occupy the People's this week. A Bowery performance of a play of distinctively fashionable life is as sure of an attentive and sympathetic hearing as a Broadway rep resentation of the same play. There will be plenty of tears and smiles at the People's therefore. Mrs. W. Berfau-dibbs remains. The Wife. One of Eugene Tompkina's ventures, "The Exiles," will be at the People's

The Windsor's change of bill to-morrow, like the Grand's, possesses special appropriateness for St. Pat-rick's Day. "McKenna's Phrtation" is the play, with Barry and Pay as its chiefs, reminding us of their Park prosperity for over 1:0 nights. Their company will show some new fates, but there will probably be no loss of joility in the performance. Louis James and loss of joility in the performance. Louis James and "Uncle Tom's Cabin" are to ensue at the Windsor.

Charles Gayler's melodrama of local interest, "Lights and Shadows," with some realistic scenes and a reor ganized company, is Jacoba's Third Avenue play this work. Its sensational flavor has already been well tested here, in the Bowery as well as on Broadway, so that there is safety in promising a worthy show of its not very lofty type. "The Ruling are coming plays at Jacobs a "The Ruling Passion" and "She

Extra matinces are announced for to-morrow St. Patrick's Day, at nearly all the theatres on the east and west sides.

The Daly matinces of " A Midsummer Night's Dream" are frequently attended as fully as the best evening porformances of the dainty councily. There has been an uncommonly hearty unanimity of praise for the re vival, which has all its sarier excellences of stage set ting and pictorial harmony. The Studdard lectures at Daiy's are agreeable and instructive Lepten diversion,

and in April it will have Proctor's for a direct trip to fan Prancisca. That an expensive journey like this can be planned without unusual publicity is in itself a token of the progressiveness and daring of latter day

theatrical venteras In a little less than two months there will be an end of "The Old Homestead" at the Academy, and comic opera will be heard on the big stage of that reinvenated old playhouse. Such a life as Denman Thompson's drams has putto its credit may never have a parallel in New York amusements; but there have of late been indications that the long run is coming to a matural and graceful close, and that its retirement for a time at least, will be wise. The operatio successor will be as a not-forgotten delight to the public at large. The Duff troupe, who are to revive it at the Academy, recently sang it at the big Chicago Auditorium, and it filled that have half to its utmost capacity, seeming to renew its olden popularity. Manager Duff has consoli-dated two of his companies, and added to them singers of high standing in the light opera world. good reasons to expect a notable summer season at the Academy, therefore

At the Lyceum "The Charity Ball" retains its power with playgoers who use discrimination in the selection of their theatrical diversion. The Belasco De Mille drama has doubtless never sent away any auditor who was not charmed by its performance and softened and benefited by its human story. To morrow afternoon Mrs. Harah Cowell LaMoyne will give another reading of Browning poetry at the Lyceum. The plece will be "Aunt Jack" will be acted at the Madison Square for

the 180th time in an uninterrupted and worthy run next Saturday afternoon. With "A Man of the World" it forms an excellent entertainment, notable for its spirited acting. There is a hint, however, that it may be displaced before long by Henry Arthur Jones English life study, "Wealth," a play that had success at the Lon-don Haymarket last year, with H. Beerbohm Tree in the chief role. At the Madison Square J. H. Stoddart will play the part.

Something of a novelty at the Eden Muses will be found in a fancy tournament to take place on next Thursday evening. Besides the Viennese female fencers two men, said to be English army officers and superb swordsmen, will compete for valuable prizes. An exciting entertainment is promised. The weapons will be rapiers and sabres. Mile, Jagernam's sweeping challenge to cross swords with any woman in the world for a medal or money remains unaccepted.

The Cromwell lecture at the Fifth Avenue Theatre to night will litustrate and compare London and Paris, with both of which cities the witty lecturer ought to be familiar from long sojourn in them. Other Sunday en-tertainments include the Theodore Thomas concert at the Lenox Lyceem and a benefit to Horace Handal comedian, at the Standard, originally but erroneously advertised for last Sunday. The dime museums and Koster & Bial's have their usual programmes. Theodore Muss has given the Star Theatre for Easter Sunday evening, when a grant musical and dramatic entertain ment will be given for Leon J. Vincent. A good pre gramme is being arranged. Another entertainment will be that of Company 1 of the Seventy first Regiment at the Berkeley Lyceum on April 14. called "A Modern Columbus" will be performed.

Until the end of the month Jefferson, Florence, and Mrs. Brew will continue upon the stare of the Fifth Avenue. For the present "The Rivals" will be re-tained as their comedy, but it is likely that "The Heir at Law " may be seen next week. This would impart much note to their final appearances here. Immediate after the high art of the Jefferson and Piorence com pany the Fifth Avenue will have a return of that abourd but laughable farrage "Natural Gas." The contrast will

There is a new Pulz in "The Gondoliers" at Palmer's, and he is so good a comedian that he adds strength to the cast and wine applause for himself He is Joseph W. Herbert, who was once thought to be fitted for a stars place in legitimate comedy, and, inseed, came near going out to try his fortune. But comic opera has found use for his drollery, and he has come to Palmer's from the Coured opera com-pany, while Frank David has gone from the Carre forces to Stetaon. "The Condollers" still attracts good-sized audiences to Palmer's, but there are signs that the revival of "The Mikado" will be carried out as now planned.

duced at the Star. Yet Crane is in receipt of communi cations telling him how, in the estimation of the writers, the piece may be Lettered. Here is one:

Duas Sis. Allow me to suggest, after naving seen your piece twice that it would be in unison with the play tand especially with The National in the last activeney on eater to stop and take the drink that Krassociation you always can for but which you don't in front of the audience, and without a moment's thought you make Kratine out a liar. Though thankful for these suggestions. Crane is hardly

fixely to adopt many of them, remembering the old Spanish couplet on a tembstone in Seville

given on Thursday as a compliment to Jefferson and Florence. They gave up their time at the Star that they might not interrupt "The Senator," and this is the way Grane has selected to express his thanks. It will be a professional matince, and no tickets will be sold.

Fourth avenue, near Nineteenth street, continues on the ncrease, and much interest is manifested in the musical

the Hijou, where its fiftieth representation will be given a week from to-morrow night. Manager Rosenquest has decided not to distribute any souvenirs on that oc casion, but comedian Hussell says he may feel called upon to make known the plot of the piece when it reaches its 10 th performance. The Bijou is crowded to choruses will be introduced in the last act of popular absurdity.

It is an unusually good and lengthy list of specialty performers that has been prepared for this week's enterta ument at Pastor's pretty home of variety on East Fourteenth street. Frank Bush, in his own inimitable manner, will offer a batch of fresh jokes. Maggie Cline will sing some of her latest Irish ballads more vigor ously than ever; the supple Julians will twist and tumble with increased quickness. Kelly and Ashby will in-troduce a number of new features in their comical act; Jennie Valmore will make her many transitions with more rapidity, and the Modgley's, Lottie Elliott, Elmer Ransom, and haif a dozen other brilliant lights of the Taudevilles will furnish additional moments of spice and brightness. And there is an excellent reason for all of this jubice alacrity, too. On the afternoon and evening of Friday, March 21, Manager Tony Pastor will commemora e his twenty lifth anniversary as a metropolitan amusement provider.

On April 5 "The Stepping Stone" will be with drawn from the Standard's stage, and, perhaps, transferred to another city theatre. But as to this plan no certainty can yet be recorded. Sydney Rosenfeld's active and aggressive energy is famously eccentric, and he may do an unexpected thing at almost any time. Manager Hill will have a new piece ready for the Standard immediately upon the departure of Rosen feld's company. The new thing will not be "The Fem berton's however, for Cora Edsail its young star has lardly achieved all that was expected of her. "The Stenning Stone," although based upon a motive utterly uns) impathetic to the average American audience, has much to commend it. As a usual thing American pieces called comedies are simply roaring forces. This play, on the contrary, teaches a good wholesome lesson, which it does in a dignified manner tempered ty a judicious admixture of the ridiculous. Rosenfeld is a ronger in lighter voins; but still the love scenes in The stepping stone are in no wise stilted or unnat ural. Particularly touching is the episode of the little tierman giri. Sine is a genuine creation, and the part is most admirably played by Miss Rosssie. Unfortunately, it calls for a knowledge of German to catch all the points of this charming bit of coloring. A fault to be found with this interiode is that Mackensie is somewhat too distant and cold it would be more effective if he would forget Ruth for a brief moment, and let the woodland maid feel the thrill of his hand upon her tangled curis. The characters of John-stone and Prointies are extremely amusing, especially the latter. In a drama less burdened with esoterio the earphy their success would be immediate. While this industrious author has not succeeded in writing an American drams of delicacy or finesh, he has done some good work in. The Scepping Stone, and the public would have been quick to acknowledge this had not the pay been marred by too much discussion of a something which is as unintedigible to as it is unpronounceable by the average citizen.

A Female Hercules at Doris's Museum. At Doris's Eighth Avenue Museum this week muscular development in its perfection is presented by Johanna Wohlfarth, a female athlete, and one of the Johania Wohlfarth, a female athlete, and one of the strongest women living. She lifts all kinds of heavy weights toys with big cannon balls, and engages in Amazonian sports of every description with the greatest of esses and grace. Mile Ion, snake observed, the continuous and dennie Thornton, estimated a farthetic human descration and liarney virtuole, the fun loving chim panies are among the other attractions in the curio halls as alwayer forms pointant dime resurt. Dumbar's Athany Connedy Company have been secured to give the basis in lowery stages (or ornsinces. At his Harism busice Manager Iorgis will place on exhibition several new features in the curio line, and a good company of comedians will furnish the stage enternaments.

Fun and Features at the Grand Museum, The new curio hall attractions at the Grand Museum, on Grand street near the Bowery, for the cur rent week includes the famous midget. Hop O' M. ran week includes the ramous mings, 1000 ° My Thumb: A. J. Hull stone breaker; Annie Ball, fat woman; W. H. Broks and wife tattoned people; Gus hiseda giant, and the trustematism dwarf. Mayo, it is indeed, a lengthy and an excellent list of features. 'In the councily stage, in the upper hall, Evans and Weed, Dutch councilains; Walter Phinner, clog dancer; William and Jennie Stamford, sketch team, and F. J. Bacon, banjoist, have been engaged to make merry at regular intervals. QUESTIONS BY SUN CORRESPONDENTS.

We were wrong in implying on Sunday, March 2, that a casting vote in the Senata. In 1866 Vice-President Dallas gave his casting vote in the Senate in favor of the revenue tariff of that yeer. Rr. Dallas had been alected after giving pledges to the Pennsylvania protectionists, and his vets was in violation of those pledges.

Please give me a short eketch of the late Jere B. Mr. Black was born in Somerset county, Pa., Jan. 10, 1810, of a north of reland family. He was admitted to the bar in 1831, married in 1838, was Judge of the County Court from 1842 to 1851, when he became one of the Suprame Court Justices of Pennsylvania. He became Attorney-General of the United States in 1857 and Secretary of State in December, 1840. In 1861 h went back to the law; he died Aug. 18, 1883.

as meeting the requirements of one who wishes to inform himself on the subject, with no thought of pursuing the professionality? 2. Is there any 'poetry foottule'—any process by which werse may be precisely measured and metrical faults describe? Is there any work that treats exhaustively of the structure of verse and the general scener of versication? I mean a work that delians and analyzes and which might sasist one to a fuller enjoy ment of poetry—the true sticle.

JOHATRAN.

1. "Astronomy with an Opera Glass" will help you. 1. "Astronomy with an Opera Glass" will help you.
Perhaps however, Proctor's books will be better:
"Other Worlds than Ours" (\$2.50), "The Expanse of
Heaven" (\$2) both are published by Appleton. 2.
Gummere's "Handbook of Poetics" may help you,
though it is not a "poetry footrule" (Ginn & Co. \$1).
Then the chapters on procedy in grammers and rhetories will help you.

Is there or is there not a law in this State against There is. It is contained in Section 458 of the New York Penal Code: "A person who, within this State, engages in instigates, aids, encourages, or does any act to further a contention or fight without weapons be tween two or more persons or a fight commonly called a ring or prize fight, either with or without the State, or who sends or publishes a challenge or acceptance of a challenge for such contention or fight, or carries or d livers such a challenge or acceptance or trains or as-sists any person in training or preparing for such a contention or fight, is guilty of a misdemeanor." Most of the law, as you will see, is a dead letter.

The man, to start with has only \$32, and when he buys the cow he has no money. He sells her for \$35; then he has \$35, but no cow. Then he buys her back for \$30; then he has the cow and \$3. What he's made depends on the value of the cow. He certainly hasn't made eight dollars.

How did the name "Old Ephraim" come to be applied to the grizzly bear? MOSTANA.
We don't know. Is it applied to the grizzly?

1. If the sun were to stand still, as we read in Joshua x. 12, 13, would there not be a crash of worlds 1.2 Was that standing still a miracle 1.

1. Yes. 2. Most certainly. The belief that the sun actually did stand still is not now generally held among educated persons. The sun doesn't go around the earth, and the more the planetary system is studied the more is it plain that it never went around the earth. monides, a great Jewish theologian, understands this passage to mean that Joshua prayed that he might de-feat his enemies before sunset, and that he did so: and his explanation is accepted by many writers.

What connection has the word "Knickerbocker" J. H. One of the earliest settlers in New Amsterdam was Herman Jansen Knickerbocker, of Scharbticoke, Ilia descendants were well known, and when Washington Irving began a buriesque history of the city and State he adopted as a pen name the name, "Diedrich Knickerbocker." The history is known as "Knickerbocker's History of New York," and from that it came that all old New York families were called "Knickerbocker families." There is no real connection between the name and the history of the State, however. A real Knickerbocker family dates back at least to the Revo

Is dancing taught at West Point ! Yes A large room is devoted to the dancing class. All over the floor in orderly rows are painted pairs of white foot prints," beels touching, toes making an angle of el degrees;" the cadets march in and take their places on the foot prints. The "professor" gives the signal and every "dancer" steps to the right, to the left, about faces, seizes his partner, lets him go, bows, is seized, is released. It is "great fun" to watch, but it must be deadly tiresome to do.

Are there any statistics showing how many voters in the United States are unable to read? 2 Where can I get a complete description of the Australian system of voting?

1. We don't know of any statistics of illiterate voters; in 1880, according to the tenth census, there were 880,850 white men over 21 unable to write and 1.072,151 colored men unable to write. Of these probably all the negroes cannot say. At the same time there were 4,923,431 per sons, white and colored over 10 years of age, who could not read. No further division of these unfortunates is made, but it is probably safe to assume that alout 1,000,000 negro voters could not read, and perhaps 754,000 whites of voting age could not do so 2 You might write to Mr. Saxton for a copy of his bill. Write carefully, however, for the sudden increase of popular interest exhibited by your letter might prove too much for him. Send a stamp with your letter, too; by the way, Mr. Saxton is an Assemblyman at Albany.

Why is the nine of diamonds called the "curse of MULLERY."

Brewer quotes several suggestions. 1. The nine of diamonds in the old game of "Pope Joan," is called the Pope, who was anti-Christ to the Scotch reformers. 2 In the game "Comette," introduced by Queen Mary. many families that it proved the curse of Scotland. These Brewer considers the most plausible suggestions. Another explanation is that George Campbell, during Mary's reign, in trying to steal the crown of Scotland. stole nine valuable diamonds. To replace these a heavy tax was laid on the country. In some parts of Sco-land, it is said, the nine of diamonds was called "Georg Campbell" until recently. Brewer says that the name was used before 1715, when the Duke of Cumberland wrote the despatch announcing the victory of Guileden on a nine of diamends, so that it cannot come from him; and that other men than the Earl of Stair who caused the massacre of Glencoe, bear "nine lozenges" as their arms. But the other men did not earn the hatred of the Scotch as did Lord Stair; so, Brewer to the contrary notwithstanding, it is quite probable that the card is so

called because of the arms of the Dalry mples of Stair. 1. What is the difference between the clerical degrees "R.T.D." and "D.D.?" (thought S.T.D. was iteman Cathelic, but I am told it is Fpiscopalian. 2. Why is Mr. Gladstone called "Right Honorable." 3. Is Mrs. Amelia F. Harr English or American? Where does she live?

1. There is no difference: the degrees are the highest in theology. "D. D." is conferred by all Protestant the ological colleges and also by the Roman Catholic col-leges: "S. T. D." seems to be confined to the Episco palian colleges of this country. None of the Anglican bishops have it is along with the "D.D." degree a Be-cause he is a member of the "Most Honorable Privy Council; " the Council is Most Renorable, its members are Right Honorable. "Lord Standy" is formally entitled "The Right Honorable Lord Randolph Churchili" Only members of the Privy Council and barons either by fact or by courtest, are Right Honorable 3. Mrs. Barr is an Englishwoman; she has lived for many years in this country Where she lives now we do not know; she divides her time between this country and England.

Is there a poem extant on the cypress tree! Can you ell me where I can find it? William Drummond of Hawthornden wrote a poem "The Cypress Grove," which is in his collected works, We think that Sir Thomas Browns considers the cypress

Did Ned Buntline have a half brother. Texas Charley t was Texas Charley ever a Government scout, and did he and his daughter ever traval with the Wid West have? Ned Buntline himself was chief of scouts during the war, with the rank of Colonel. With the private life of Texas Charley we regret that we are not acquainted. The Wild West contained many Texas curiosities, and it is quite possible that Charley and his lovely daughter were among them.

Esame .- A woman is of age in this State when she is 21 . B. M. Atwood. - Mrs. Sherwood's "Manners and Social Usages' is a good book. (Harpers, \$1.25.) Frank Mangan .- Wouldn't the Land Office of the district

in which the land is located be the place in which to ook! Heems to us it would. S. P. A .- Separation papers that will be legal can be party without the consent of the other.

J. R. De Q -- Brooklyn is estimated to have a population of 835,000, Chicago one of 1.150,000, probably has more than that, Chicago rather less. P. J. E.-The dictionary you name will be most valuable to you. It can't take the place of a cyclopadia, but it will take the place of a Webster; look at the

N. E. Johnson, -The intestate's estate, if he leave no wife and no children or no representative of a child, and neither father nor mother, is divided equally among the next of kin in equal degree to the deceased and the legal representatives.

Fighet.-The fourteen year qualification in Article II. Section I. of the Constitution of the United States re-ferred only to aliens who were citizens " at the time of the adoption of this Constitution." Like the first part of Article !, section 3, paragraph 2, it is no longer apMUSIC AND MUSICIANS.

The last week of German opera at the Met ropelitan commences with to-morrow avening's per formance. "Siegfried" will then have its first repre commands.

estation this winter. Wednesday "Die Götterdam merung" is to be given for the last time, and Friday "Die Meistersinger" will be listened to. At the Satur day matines "Siegfried" is to be repeated. During the fortnight following these representations the company will rest from its labors preparatory to a five weeks' visit to Chicago and Boston. Herr Vogt does not go with the travelling troups, nor does Herr Seid, and none of the 'big' Wagner operas will be attempted. On the other hand, is is understood that the Franco Italian repertoire will be liberally drawn upon, and that "Norma," with Fran Lehmann-Kailsch as the hapless Drudess, will be a feature of the tour.

Mr. Edmund C. Stanton goes abroad early in April and for a month or two will bend his energies to the task of getting together an efficient company for next season's performance of grand opera in German at the Metropolitan, Frau Lehmann-Katisch, Berr Kalisch, Herr Fischer, and sundry other singers will of course be retained, but a vigorous effort will be made to introduce some new artists of recognized position.

The Patti-Tamagno season of Italian opera at the Metropolitan will be entered upon on Monday week Signor Tamagno will open the ball, and, on the second night of the series, Mme Patti will appear. The works to be sung are all familiar to music lovers, though "Otello" is not widely known, and "Lakme" has only been given here in English. Almost all the singers, too, have been listened to by New York audiences. Signor Tamagno, however, being a stranger to untravelled dilettants. The sale of seats for single performances begins to morrow.

The eleventh of Mr. Thomas's Sunday concerts, and the last but two of the series, occurs at the Lenox Ly-ceum this evening. Mile Gementina de Vere and Miss Adele Strause will sing. Miss Jeanne Franko with be heard in a violin solo, and Miss Anna Winch is to assist at the barp. Among the orchestra's numbers are Bee thoven's 'Leonore' overture No. 3, Saint Been's 'Roise d'Omphale,' and the ballet from Massenet's "Le thil.

The Boston Symphony Orchestra will give its fourth and last concert this season, at Steinway Hall, on Tues day evening. The programme arranged by Mr. Niklad is brief, but impressive, it includes Schumann's Sym phony No. 1, in B flat Volkmann's "Bichard III." ever ture, and Besthoven's symphony in C minor, No. 5. Mr. Nikisch's interpretation of the two symphonies will be among the best-remembered incidents of his extraorginarily brilliant Boston season. The sale of wats for M de l'achmann's Chopin Cyclus

on the afternoons of Monday, Tuesday, and Wednesday, April 7. * and 0. at 3 or lock, and on the evening of Fri-day, April 11, and the programmes embrace practically Chopin's whole legacy. Friday evening a convert will be given with orchestra and with the cooperation of Mme de l'achmann.

Herr Theodore Reichmann of the Metropolitan Oper. ouse will give a recital of songs and hal ade at Siein way liali on the evening of Tuesday week. To impart variety to the affair Mr. Franz Wilczek, violinist,

THE SUN'S SCHOOL FOR CARD PLAYERS trated Impartially.

To me Entropy or Tag Suy-Siye in cutting for the deal in eacher, which deals, high or low! Is the achigh or low in the deck! S. P. Brown, Edizzatia, S. J.

1. High deals at suchre always. The jack is absolute ly the highest eachre card. 2. The value of the ace in a pack of cards is simply one. Any other value it ac quires is because of its rank in some particular came in whist, all fours, pinochle &c., it is high, in some it is both high and low, and so on.

To the Editor of The Sos—Sir In a game of draw poker a fack pot is opened by R, and, in turn, is raised by L. After the cards are drawn, and R has but and L again raised, R wants to know how many cards L draw, L claims a bet as made and he does not have to tell R claims that the dealer R, must self how many cards any one has drawn at any line when asked. Who is right?

L P, S. R was wrong in his claim. The dealer cannot tell the

number of cards any player has drawn except himself, and he need not answer as to himself if the player has made a bet or passed after the draw. To the Euron or The Sun-sir. Three men sit down to play high, low, jack and the game, that for passime nothing more. I is the dealer. He shalles the card, and passes them to fit out. I sair. Let them go. Crays. No 11 but them, and did. I objected, it said he had a right to cit, no matter who dealt it said he had not. Which was right: Yours Thuty.

Well, considering the fact that the trin didn't stand assume that obligation himself. T wins

To the Entrop of The Sun-or. Which wins in pake dice, four aces or four dences: Nothing was acreed to stonsly, no local customs are considered, and you islon to govern E.J. Mckar. Pour deuces beat four aces. The ace counts as one, o

low, at poker dice. This is and a ways has been the rule since the game was first known. And a thoroughly sensible rale it is, too. Yet for a dozen or more years there has been an attempt throughout the West to make aces high: but success can never come of it because disputes must continually arise, and in such a matter a line between the East and West can never be drawn.

permit us to comply with your request in this column Perhaps at a later day we may print something on that subject. Meanwhile it would be a good idea for you to obtain from any large bookseller a card manual containing the fundamental principle of the game.

-are the most that, technically speaking, can be

in hand T. M. Hadley -B was right.

the count of the following hands in cribings; Nine of diamonds during up, six of learns six of spades six of diamonds during up, six of learns six of spades six of diamonds, and three of diamonds, lock of coults, lace of diamonds, lock of spades ten of spades, and three of clubs, directly up for trump?

6.0. A. Clubs, betreath, Coun. To the Entrop of The Sus-Mr: Will you kindly give the counts of the following hands in crimage: Superof The count for the first hand is eighteen, and for the

Amusements in Brooklyn.

At the Amphion this week "Mr. Barnes of New York," the dramatization of Gunter's novel, will be performed. A reasonable New Yorker is the hero. He is not too good, but just good enough. He is not too affectionate in his disposition, he is not too courageous. though by no means cowardly, and he possesses the happy faculty of always being just in time to render some priceless service to a needy friend. Around this man the author has woven a story of great interest. Robert Hilliard is a suitable actor to portray this char acter. He has good looks and sufficient dramatic power. Emily Righ a charming actress will have the diffi-rate of Marion Profit, the Cormonn maiden. For Anstruther, the naval Lieutenant, will be acted by Ben-

Hendricks, and Emma Field will be the East. The original inal scenery from the Broadway Theatre will be used at the Ampidou.

The vicinitudes of the unlucky chap in "The Private Secretary" will afford amusement at Cot Sann's Park-William Gillette will be seen in this character, and he has made more out of it than any other actor. His

has made more out of it than any other actor. His solemn, dejected, wearled manner his absurd famility for always getting into unlooked for trouble, with afford fun in plenty. In the cast with the W. L. Oless in Harry Allen Charles Bower, Horpert Fortier, Saise Brake, Jeannette Ferreit, and Mrs. Charles. The little binaring the whose name is legion, with the represented by a small army of children.

A revival of Hoys a comical absurdity. "A Rag Baby," with he witnessed at dacains's firmedlyn Hieatte commencing to morrow attention. On the Volley Cornery with Lower Harrigan and late of Whi and Collyer, with Lower Harrigan and late of Whi and Collyer, with Lower Harrigan and late of Whi and Collyer, with Lower Harrigan and late of which the both sides of the river of the receipter farse or a favorite with the control of the river of the company are tannile cleve and May E. Watta, Hattle Marchall, line a blepard and agree eral other young ladies who can sing and dance. Handsome, the ugilest of all buildogs will be on view in the comedy.

J. F. Mackweeney of the Standard Opera Comman has

comedy.

J. P. SacSweeney of the Standard Opera Company has been vanished at the traterior. Last week, in 'Thilee Taylor,' he added to his popularity, and a now one of the leading members of the troupe. This week the opera is "The Bohemian time." Mackweeney will be the opera is "The Bohemian time." Mackweeney will be the opera is "The Bohemian time." Mackweeney will be the opera is "The Bohemian time. The session Thomas the pet of the house, will sime the part of the dappy queen. George Traverner will be heard as Thousteen, livery Mchemotic as Floreston, Fred H. Freder as Freetined, and Laura Clements as Artise. "The Grand Buchese' is in preparation.

Clements as arrine. "The trand furthers" is to preparation.

Beanett Brothers' All American Specialty Company is the title of a vandeville organization at Herrmann shew Gayety. In it are the Villenga, the Carr Sisters, Can and Loreno, the Adme Four Ben Collins Harnella Brothers. Turner and Russell. Lottic villent and Annie Bennett, a saster of the proprietory of the show and an expert shot. The Beanett boys are purso shots. They will are \$20 to 100 to 1

When Will This Man Die! "When will this man drop dead?" This strange question fell from the lips of a prominent phy

sician at Worth's Museum and it related to Barney ed the steel basket in which his head is supported and awed it to fall forward to his breast. The physician felt the pulse of the man and noted that it steadily and feli the pulse of the man and noted that it steadily and rapidly fell. The lips and tongue which protruded between them soon took on a dark hue and the pulsations of the heart fluttered and weakened fast; but just at that instant Haldwin, who had not removed his hands from his head, straightened out his neck, readjusted the steel support, and in a nonement was airright again. A red finish everspread his face, and that was all. some time "and the hydrican; he will allow his head to remain down just a second too long, and then he will have not his heart to lift to up. That will estile him, for his wall be dead in a second. Yes Madwin has removed the support air times daily for almost two weeks, and says he has experienced no inconvenience. Pimples to Scrofula Terrible shin and scalp discase. Psoriasts S years. Hend. arms. and breast o solid scab. Best doctors and Medicines iall, Cured by Cuticura at a cost of 253,75.

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I used two bottles of the CUTICURA RESOLVENT, three boxes of CUTICURA and one cake of CUTICURA SOAP, and am oured of a terrible skin and scalp disease known as psoriasis. I had it for eight years, it would get better and worse at times. Sometimes myhead would be a solid roab, and was at the time I began the use of the CUTICURA REMEDIES. My arms were covered with scabs from my cibowa to shoulders, my breast was almost one solid scab, and my back covered with sores varying in size from a pennyloa dollar. I had dectored with all the beat doctors with no relief, and used many different medicines without effect. My case was hereditary, and I began to think, incurable, but it began to heal from the first application.

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I thank you for your CUTICURA REMEDIES, and feel that in doing so I might be able to save some person from a heavy doctor's bill, which I know it has done for me. My haby was seven weeks old when I began to try the CUTICURA REMEDIES for a disease which had spread itself all over its head and face. I was nearly distracted; had been to the doctor's, but got no satisfaction. Fefore two days' use of the CUTICURA REMEDIES the scales began to loosen, and in three weeks I could hardly believe that it was the baby I used to dread record seeing. He is perfectly cured, and has a beautiful growth of hair e-ming. I am very grateful to you. Mrs. GEO. MOREMAN.

Vordun, Lower Lachine, Montreal, P. Q.

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Perhaps no better illustration of the permpittude rerians no better inversion of his prempirate with which first-class talent receives recomition in this country can be given than the case of Nama Te in, the now deletrated young electronia whate mone came suddenly into promine too trout the pint at or of his work on alternate courses unstern. He has we place was Smiljan Lika in the berder regions or farmata and Montenezo, touching Arapia. His farter as a clergyman of the Greek Chieven and he mind for a also desired to be a derevinan but the fares and his Government telegraph department at the a secol to keep himself going. In both is sect to Parks and after ward to Strasbourg. Then in a sect of there as where he applied himself with note: a short or and in due

protect their telephonists from the imputiones and anger" of subscribers. The possity for an offence is the cancelling of the offence - subscription and repayment of the money. This would appear to be somewhat detrimental to the reputation of the French, who are and, assuming boman nature to be very much the sar. of everywhere, the only inforence to be drawn is that the ladies in State employment over there are excess (cl)

course his celebrated motor a period of Texas per at least half a dozen langua, while is of years of as

some very successful experiments in shiplich in a in the harbor of Rombay. This vessel has on a unit wo search lights or 2000 cannot power, and by the a step, in a condarkest night. By throwing the light against the sky messages can be telegraphed to ships fifty mirs of.

An explosive signaling apporatus has been fitted up at the Hell Rock lighthouse, off the English coast. The lighthouse is supplied with two large belts, which are rung in feggy weather. It was thought however, that a for signal could be advantageously added, both on account of its report and the flash of the explosion. The fog signal which will be fired by an electric spark, is now ready for the series of experiments which will be made with it. It is expected that it will be in full opera tion in the course of a month, and that during foggy weather it will be fired every ten or fifteen minutes. is the first explosive signal which has been introduced

in the lighthouse service in Scotland. servations there. He says that although the horse cars had four horses attached to them they had a hard time had rour norse attached to then they had a hard time laboring through the drifts and heavy soon, and crawled along at a shall space over where the tracks were cleared by the snow place is. While the poor horses tugged and strained, the clearing cars golded along with pans under the motors, the cars went on as if no such thing as snow was known, the little ratt plong's cleaning the way in front of the wheels readily and well.

Electricity has stenned in metrifully to alleviate the miseries of the early riser on dark winter morn-ings. An arrangement has been deviced by which a connection is made between the room rinck and the store. The clock indicator is selected right transper quired hour, and when the hour is not reaches that time in the morning an electric connection is established ith the stove which is then lighted by an electric spark. The sleeper in the mean time is not disturbed.

As the temperature of the room rises, however, it is in dicated by a small thermost it, and when it has reached a point of aummeriske comfort on aiarm is sounded. The sleeper, of course is awakened, but the act of lump, ing out of bed has now no terrors for him, and the moraing ablutions are performed without u shudder.

A M. Vernette claims to have bli-covered the secret of painless dentistry without the use of ordinary an rethaties and the accompanying danger. His method consists in applying the end of a metallic wire in com-munication with a battery to the nerve, the effect of which is to produce a momentary admitted a when the tooth is extracted. A writer in the electrical journal which makes mention of this discovery states that he has tried the experiment upon himser, and that he can now appreciate the spirit in which Lord Derby wrote to an English wine merchant who had sent him some port wine, which, he said, was an a thursable specific for gout. "Lord Derby begs to inform Mr that he has fried the port wine and prefers the gout."

Some interesting experiments have been made in Toulon to ascertain the accuracy of aim when the electric light is used for might attacks. A large gun was tant, and the only light was that of the prote-tor. It was found that the gun could be discharged with as great rapidity and precision as was attained in daylight.

It is said that electric launches will supersede steam launches on the River Thames in a few years. At present there are between twenty and thirty electric launches on the upper Thames.

Attention has been directed recently to the serious injury indicted on submarine cables by the attacks of various forms of boring molluses. At a meeting of the Zollogical Society Capt. D. Wilson-Barker exhibited some specimens of the teredo and also some pieces of cable on which it had been exercising itself. It was observed that the teredoes must have penetrated be tween the sheathing wires when in the embryo state, afterward bored. The jute is tanned by a special proc ess before it is laid on the core, and it is remarkable that these moltuces should be able to bore through this tough material impregnated with a chemical solution and then scoop out pieces from the gutta-percha core Strange to say, too, minute holes were found in the valves of the teredoes showing the presence of som other boring molluso, which apparently fed on the tereds-

An English electrician has been directing his atten ion to the purification of sea water and other fluids by electricity. He has made careful application of this principle also to wines and brandles. He finds that it has the effect of softening the asperties of some wines by removing the predominant bitartrate of notash and in the case of the spirit distilled in French brandy the improvement to be derived from the process is remarkable. In one experiment two gallons of the very worst English brandy a must cru cial test), were kept electrified for three weeks, at the end of that time the spirit was drawn of induite-ing improved—indeed, clear to the eye and soft to the taste. This process has also been applied with excellent results to the arrest-ing of fermentation in clear. In the course of these la-vestigations the antiseptic projective of controls water were displayed in a very remark this manner Pieces of mest and the skins of animals in a state of putridity were immersed in electricist water, and in 3